

***** AMENDMENTS TO THE CLAIMS *****

1. (currently amended) A cross cell sandwich core structure comprising:

a first and second faceplate spaced apart from one another and substantially parallel to one another;

a plurality of spaced apart and separated ribbons located between the first and second faceplates, the ribbons extending in [height] width from a top surface of the first faceplate to a bottom surface of the second faceplate and extending in [width] length substantially parallel to one another along a length of the first and second faceplates, said ribbons extending continuously from the top surface of the first faceplate to the bottom surface of the second faceplate across the width of the ribbons, and the length of the ribbons being substantially longer than the width of the ribbons;

wherein each of the plurality of ribbons has at least one first wall portion [angled relative to] along the width of the respective ribbon, and said at least one first wall portion is obliquely angled relative to a first axis extending through said first and second faceplates and the at least one first wall portion, said first axis perpendicular to the first and the second faceplates where it crosses through the first and second faceplates, respectively.

2. (original) The cross cell sandwich core structure of claim 1 wherein at least one of the ribbons has a cross section as taken along a plane parallel to the first faceplate forming a substantially square wave.

3. (original) The cross cell sandwich core structure of claim 1 wherein at least one of the ribbons has a cross section as taken along a plane parallel to the first faceplate forming a substantially rectangular wave.

4. (original) The cross cell sandwich core structure of claim 1 wherein at least one of the ribbons has a cross section as taken along a plane parallel to the first faceplate forming a substantially trapezoidal wave.

5. (original) The cross cell sandwich core structure of claim 1 wherein at least one of the ribbons has a cross section as taken along a plane parallel to the first faceplate forming a substantially sinusoidal wave.

6. (original) The cross cell sandwich core structure of claim 1 the plurality of ribbons are connected to the first faceplate.

7. (original) The cross cell sandwich core structure of claim 6 wherein the plurality of ribbons are connected to the second faceplate.

8. (original) The cross cell sandwich core structure of claim 1 wherein the first and second faceplates are planar.

9. (canceled)

10. (previously presented) The cross cell sandwich core structure of claim 1 further comprising a plurality of second wall portions of the plurality of ribbons obliquely angled relative to a second axis extending through the first and second faceplates, said second axis perpendicular to the first and second faceplates where the first axis extends through

the first and second faceplates, respectively, and said second wall portion connected to and adjacent to the first wall portion.

11. (canceled)

12 (currently amended) The cross cell sandwich core structure of claim 10 wherein the first and second wall portions are angled at about ninety degrees relative to one another.

13. (previously presented) The cross cell sandwich core structure of claim 1 wherein the first and second wall portions are angled at about one hundred thirty five degrees relative to one another.

14. - 17. (canceled)
